

































-  Secrets
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# CSS static code analysis


Unique rules to find Bugs and Code Smells in your CSS code














**All rules** 25

 Bug 16

 Code Smell 9

Tags 

Search by name... 

Single line comment syntax should not be used
 Bug
CSS properties should be valid
 Bug
Units should be valid
 Bug
"calc" operands should be correctly spaced
 Bug
Color definitions should be valid
 Bug
Expressions within "calc" should be valid
 Bug
Selectors should be known
 Bug
Shorthand properties that override related longhand properties should be avoided
 Bug
"linear-gradient" directions should be valid
 Bug
"at-rules" should be valid
 Bug
Media features should be valid
 Bug
Pseudo-element selectors should be valid
 Bug
Pseudo-class selectors should be valid
 Bug

## "linear-gradient" directions should be valid

Analyze your code

 Bug  Critical 

`linear-gradient` was standardized with CSS3. Before that, it was possible to use different non-standard values to define the gradient's direction. Because these values are not standard, they are not supported in all browsers and therefore they should no longer be used in order to get the expected gradient in the latest browser versions that support CSS3.

This rule raises an issue when the first parameter of a `linear-gradient` is not a valid `<side-or-corner>` or angle.

### Noncompliant Code Example

```
.foo {
  background: -webkit-linear-gradient(to top, #fff, #000);
  background: linear-gradient(top, #fff, #000);
}

.bar {
  background: linear-gradient(45, #fff, #000);
}
```

### Compliant Solution

```
.foo {
  background: -webkit-linear-gradient(top, #fff, #000);
  background: linear-gradient(to top, #fff, #000);
}












.bar {
  background: linear-gradient(45deg, #fff, #000);
}
```

### See

- [Mozilla Web Technology for Developers](#) - linear-gradient

Available In:

**sonarcloud**  | **sonarqube** 

<div>Properties should not be duplicated</div> <div> Bug</div>
<div>"!important" should not be used on "keyframes"</div> <div> Bug</div>
<div>Font declarations should contain at least one generic font family</div> <div> Bug</div>
<div>CSS files should not be empty</div> <div> Code Smell</div>
<div>Selectors should not be duplicated</div> <div> Code Smell</div>
<div>Empty blocks should be removed</div> <div> Code Smell</div>
<div>Strings should not contain new lines</div> <div> Code Smell</div>
<div>Duplicated font names should be removed</div> <div> Code Smell</div>
<div>Multi-line comments should not be empty</div> <div> Code Smell</div>
<div>Duplicate imports should be removed</div> <div> Code Smell</div>
<div>Extra semicolons should be removed</div> <div> Code Smell</div>
<div>Selectors of lower specificity should</div>